

The diagram illustrates a mobile communication system architecture. On the left, a mobile station (1) is shown with components 10 (antenna), 8 (display), and 7 (baseband processor). It communicates wirelessly with a base station (2). The base station (2) is connected to a central unit (3) and a control unit (4). The control unit (4) is connected to a network interface (9), which in turn connects to a fixed network (5) via a fixed network access point (6). The fixed network (5) is labeled as 'FIXED NETWORK (INTERNET ACCESS) Festnetz (Internet- Zugang)'. The diagram shows multiple instances of the fixed network (5) and access points (6) connected to the central unit (3) and control unit (4).

## Abstract

Data exchange system with a mobile component to control consumers

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A mobile component (1) of a data exchange system, in particular a mobile telephone of a home mobile radio system, is equipped with an Internet interface in order to transmit control commands via the Internet interface to a control device (2, 4) in order to control one or more consumers (5). The control device (2, 4) converts these control commands into a corresponding control of the required consumer (5).

15 (Fig. 1)

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